

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the subject application.

Listing of Claims

1. (Currently Amended) A system comprising:

at least one wall switch device sized and arranged to be fastened directly to a wall switch junction box and including circuitry for communicating with a network; and

a wireless transceiver base adapted to communicate with the wall switch device via a wireless data transfer protocol to enable communication between the circuitry of the wall switch device and the network;

wherein the circuitry is powered by being electrically coupled to power lines fed into the wall switch junction box.

2. (Previously Presented) The system of claim 1 wherein the network includes plural wall switch devices.

3. (Original) The system of claim 1 wherein the network includes Internet.

4. (Original) The system of claim 1 further comprising a server that communicates with the wall switch device using the wireless transceiver base.

5. (Original) The system of claim 4 further comprising a gateway that is connected to the server and allows communication between the wall switch device and the server using the wireless transceiver base.

6. (Original) The system of claim 1 wherein the wireless data transfer protocol is IEEE 802.11b wireless communication standard.

7. (Original) The system of claim 1 wherein the wall switch device includes an identifier.

8. (Original) The system of claim 1 wherein the wall switch device includes a display.

9. (Original) The system of claim 1 wherein the wall switch device includes a user interface.

10. (Previously Presented) The system of claim 1 wherein the wall switch device further comprises:

a charge-coupled device;

a lens; and

a logic to allow the wall switch device to capture and transmit digital images to the wireless transceiver base via the wireless data transfer protocol.

11. (Original) The system of claim 10 wherein the wall switch device also includes a charge-coupled device plug on adapter.

12. (Original) The system of claim 1 wherein the wall switch device includes a receptacle to hold a portable electronic device.

13. (Original) The system of claim 12 wherein the portable electronic device is a personal digital assistant.

14. (Currently Amended) A system comprising:

at least one wall switch device sized and arranged to be fastened directly to a wall switch junction box and communicating with a network; and

a power input coupled to the wall switch device, the power input being electrically coupled ~~connected~~ to power wires fed into the wall switch junction box, the power wires enabling communication between the wall switch device and the network, the wall switch device including a data transceiver to receive and transfer data via the power wires to the network.

15. (Previously Presented) The system of claim 14 wherein the network includes plural wall switch devices.

16. (Original) The system of claim 14 wherein the network includes Internet.

17. (Previously Presented) The system of claim 14 further comprising a wireless transceiver base adapted to communicate with the wall switch device via a wireless data transfer protocol to enable communication between the wall switch device and the network.
18. (Original) The system of claim 17 further comprising a server that communicates with the wall switch device using the wireless transceiver base.
19. (Original) The system of claim 18 further comprising a gateway that is connected to the server and allows communication between the wall switch device and the server using the wireless transceiver base.
20. (Original) The system of claim 17 wherein the wireless data transfer protocol is IEEE 802.11b wireless communication standard.
21. (Original) The system of claim 17 wherein the wireless data transfer protocol is Bluetooth™.
22. (Original) The system of claim 14 wherein the wall switch device includes an identifier.
23. (Original) The system of claim 14 wherein the wall switch device includes a display.

24. (Original) The system of claim 14 wherein the wall switch device includes a user interface.

25. (Previously Presented) The system of claim 17 wherein the wall switch device further comprises:

a charge-coupled device;

a lens; and

a logic to allow the wall switch device to capture and transmit digital images to the wireless transceiver base via the wireless data transfer protocol.

26. (Original) The system of claim 25 wherein the wall switch device also includes a charge-coupled device plug on adapter.

27. (Original) The system of claim 14 wherein the wall switch device includes a receptacle to hold a portable electronic device.

28. (Original) The system of claim 27 wherein the portable electronic device is a personal digital assistant.

29. (Currently Amended) A system comprising:

at least one power outlet device sized and arranged to be fastened directly to a power outlet junction box and including circuitry for communicating with a network; and

a wireless transceiver base adapted to communicate with the power outlet device via a wireless data transfer protocol to enable communication between the circuitry of the power outlet device and the network;

wherein the circuitry is powered by being electrically coupled to power lines fed into the power outlet junction box.

30. (Previously Presented) The system of claim 29 wherein the network includes plural power outlet devices.

31. (Original) The system of claim 30 wherein the network includes Internet.

32. (Original) The system of claim 29 further comprising a server that communicates with the power outlet device using the wireless transceiver base.

33. (Original) The system of claim 32 further comprising a gateway that is connected to the server and allows communication between the power outlet device and the server using the wireless transceiver base.

34. (Original) The system of claim 29 wherein the wireless data transfer protocol is IEEE 802.11b wireless communication standard.

35. (Original) The system of claim 29 wherein the wireless data transfer protocol is Bluetooth™.

36. (Original) The system of claim 29 wherein the power outlet device includes an identifier.

37. (Original) The system of claim 29 wherein the power outlet device includes a display.

38. (Original) The system of claim 29 wherein the power outlet device includes a user interface.

39. (Previously Presented) The system of claim 29 wherein the power outlet device further comprises:

- a charge-coupled device;

- a lens; and

- a logic to allow the power outlet device to capture and transmit digital images to the wireless transceiver base via the wireless data transfer protocol.

40. (Original) The system of claim 39 wherein the power outlet device also includes a charge-coupled device plug on adapter.

41. (Original) The system of claim 29 wherein the power outlet device includes a receptacle to hold a portable electronic device.

42. (Original) The system of claim 41 wherein the portable electronic device is a personal digital assistant.

43. (Currently Amended) A system comprising:

at least one power outlet device sized and arranged to be fastened directly over a power outlet junction box and communicating with a network; and

a power input coupled to the power outlet device, the power input being electrically coupled ~~connected~~ to power wires fed into the power outlet junction box, the power wires enabling communication between the power outlet device and the network, each power outlet device including a data transceiver to receive and transfer data via the power wires to the network.

44. (Previously Presented) The system of claim 43 wherein the network includes plural power outlet devices.

45. (Original) The system of claim 43 wherein the network includes Internet.

46. (Original) The system of claim 43 further comprising a wireless transceiver base to enable communication between the power outlet device and the network via a wireless data transfer protocol.

47. (Original) The system of claim 46 further comprising a server that communicates with the power outlet device using the wireless transceiver base.

48. (Original) The system of claim 47 further comprising a gateway that is connected to the server and allows communication between the power outlet device and the server using the wireless transceiver base.

49. (Original) The system of claim 46 wherein the wireless data transfer protocol is IEEE 802.11b wireless communication standard.

50. (Original) The system of claim 46 wherein the wireless data transfer protocol is Bluetooth™.

51. (Original) The system of claim 43 wherein the power outlet device includes an identifier.

52. (Original) The system of claim 43 wherein the power outlet device includes a display.

53. (Original) The system of claim 43 wherein the power outlet device includes a user interface.

54. (Previously Presented) The system of claim 46 wherein the power outlet device further comprises:

a charge-coupled device;

a lens; and

a logic to allow the power outlet device to capture and transmit digital images to the wireless transceiver base via the wireless data communication protocol.

55. (Original) The system of claim 54 wherein the power outlet device also includes a charge-coupled device plug on adapter.

56. (Original) The system of claim 43 wherein the power outlet device includes a receptacle to hold a portable electronic device.

57. (Original) The system of claim 56 wherein the portable electronic device is a personal digital assistant.

58 - 85. (Canceled)

86. (Currently Amended) A wall switch device comprising:

a body sized and arranged to be fastened directly to a wall switch junction box, the body housing circuitry for communicating with a network and a wireless transceiver adapted to communicate with a transceiver base via a wireless data transfer protocol to enable communication between the circuitry and the network wherein the circuitry is powered by being electrically coupled to power lines fed into the wall switch junction box.

87. (Previously Presented) The wall switch device of claim 86 wherein the network includes Internet.

88. (Previously Presented) The wall switch device of claim 86 wherein the wireless data transfer protocol is IEEE 802.11b wireless communication standard.

89. (Previously Presented) The wall switch device of claim 86 wherein the wall switch device includes an identifier.

90. (Previously Presented) The wall switch device of claim 86 wherein the wall switch device includes a display.

91. (Previously Presented) The wall switch device of claim 86 wherein the wall switch device includes a user interface.

92. (Previously Presented) The wall switch device of claim 86 wherein the wall switch device further comprises:

- a charge-coupled device;

- a lens; and

- a logic to allow the wall switch device to capture and transmit digital images to the wireless transceiver base via the wireless data transfer protocol.

93. (Previously Presented) The wall switch device of claim 92 wherein the wall switch device also includes a charge-coupled device plug on adapter.

94. (Previously Presented) The wall switch device of claim 86 wherein the wall switch device includes a receptacle to hold a portable electronic device.

95. (Previously Presented) The wall switch device of claim 94 wherein the portable electronic device is a personal digital assistant.

96. (Currently Amended) A power outlet device comprising:

a body sized and arranged to be fastened directly to a power outlet junction box, the body housing circuitry for communicating with a network and a wireless transceiver adapted to communicate with a transceiver base via a wireless data transfer protocol to enable communication between the circuitry and the network wherein the circuitry is powered by being electrically coupled to power lines fed into the power outlet junction box.

97. (Previously Presented) The power outlet device of claim 96 wherein the network includes Internet.

98. (Previously Presented) The power outlet device of claim 96 wherein the wireless data transfer protocol is IEEE 802.11b wireless communication standard.

99. (Previously Presented) The power outlet device of claim 96 wherein the wireless data transfer protocol is Bluetooth™.

100. (Previously Presented) The power outlet device of claim 96 wherein the power outlet device includes an identifier.

101. (Previously Presented) The power outlet device of claim 96 wherein the power outlet device includes a display.

102. (Previously Presented) The power outlet device of claim 101 wherein the power outlet device includes a user interface.

103. (Previously Presented) The power outlet device of claim 96 wherein the power outlet device further comprises:

- a charge-coupled device;

- a lens; and

- a logic to allow the power outlet device to capture and transmit digital images to the wireless transceiver base via the wireless data transfer protocol.

104. (Previously Presented) The power outlet device of claim 103 wherein the power outlet device also includes a charge-coupled device plug on adapter.

105. (Previously Presented) The power outlet device of claim 103 wherein the power outlet device includes a receptacle to hold a portable electronic device.

106. (Previously Presented) The power outlet device of claim 105 wherein the portable electronic device is a personal digital assistant.

107. (Previously Presented) The power outlet device of claim 96, wherein the circuitry enables communication with the network via power wires fed into the junction box.